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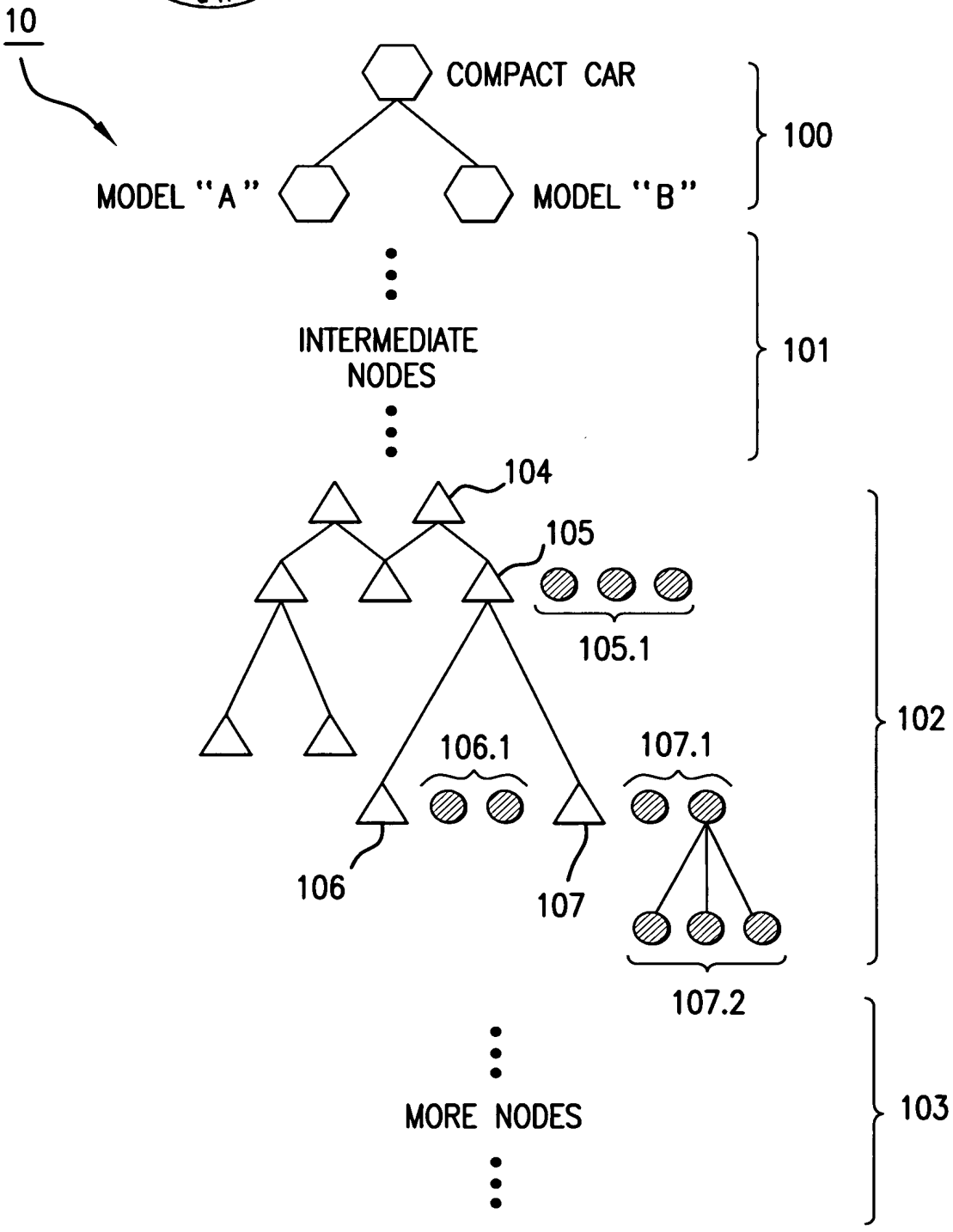

FIG. 1

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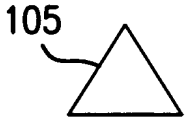

C_1	C_2	C_3
S_1: HP=100 AND color=red	S_2: HP=150 OR color=blue	S_3: HP=150 AND color=green

Restriction R_1: IF HP = 100 THEN color $\neq$ blue
Restriction R_2: IF HP = 150 THEN color $\neq$ red

FIG.2

300

301 302

Char	Value	100 red	150 red	100 blu	150 blu	100 gre	150 gre
HP	100	1	0	1	0	1	0
HP	150	0	1	0	1	0	1
Color	red	1	1	0	0	0	0
Color	blue	0	0	1	1	0	0
Color	green	0	0	0	0	1	1

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FIG.3

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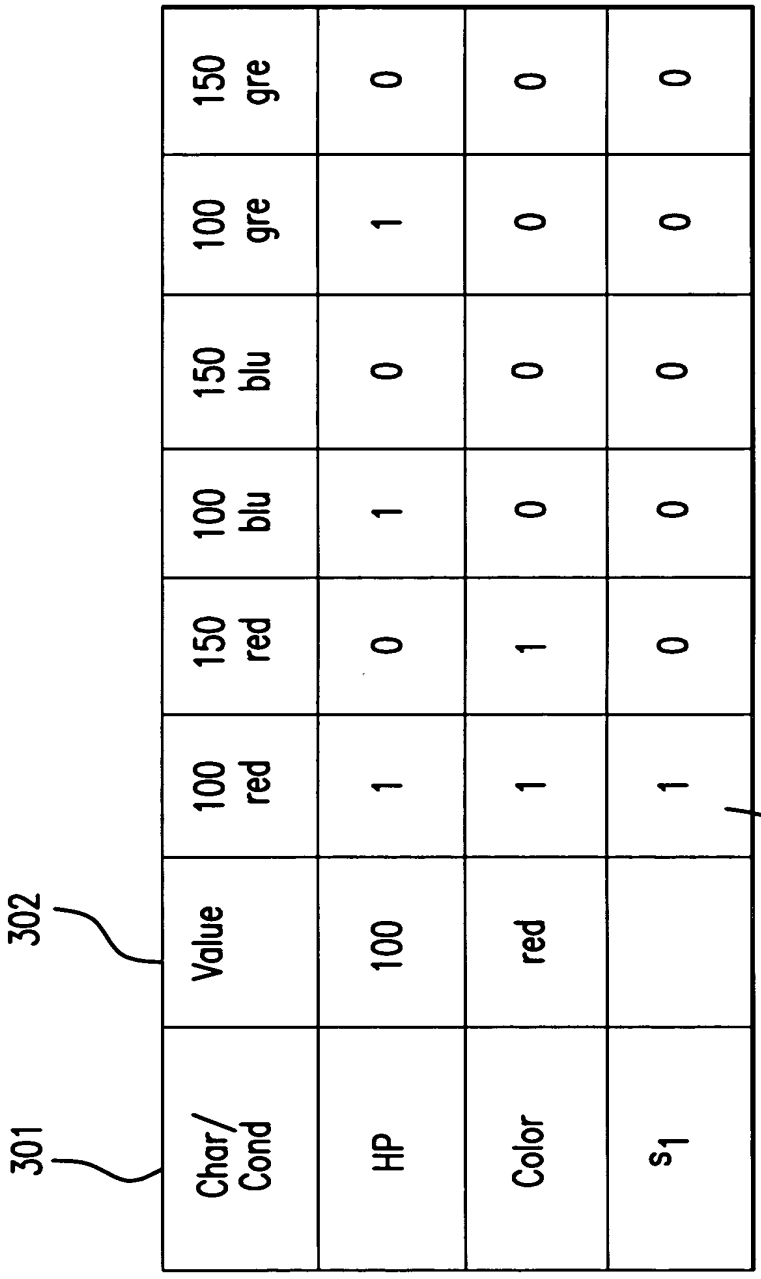

Char/ Cond	Value	100 red	150 red	100 blu	150 blu	100 gre	150 gre
HP	100	1	0	1	0	1	0
Color	red	1	1	0	0	0	0
s_1		1	0	0	0	0	0

FIG.4

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500

Cond	100 red	150 red	100 blu	150 blu	100 gre	150 gre
s_1	1	0	0	0	0	0
s_2	0	1	1	1	0	1
s_3	0	0	0	0	0	1
r_1	0	0	1	0	0	0
r_2	0	1	0	0	0	0
f	0	1	1	0	0	0
n	0	0	0	0	1	0
i_{23}	0	0	0	0	0	1

FIG.5

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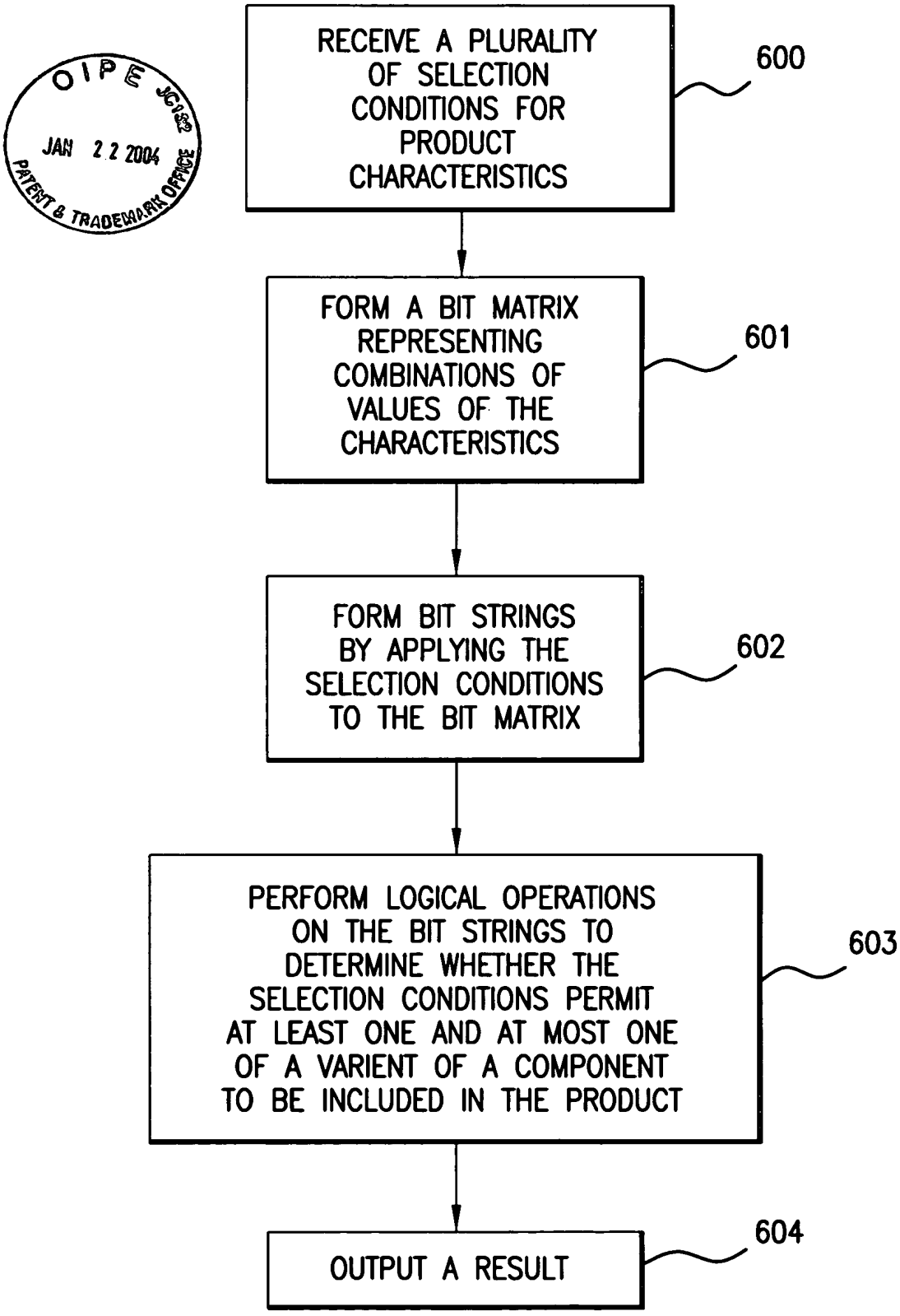

FIG.6

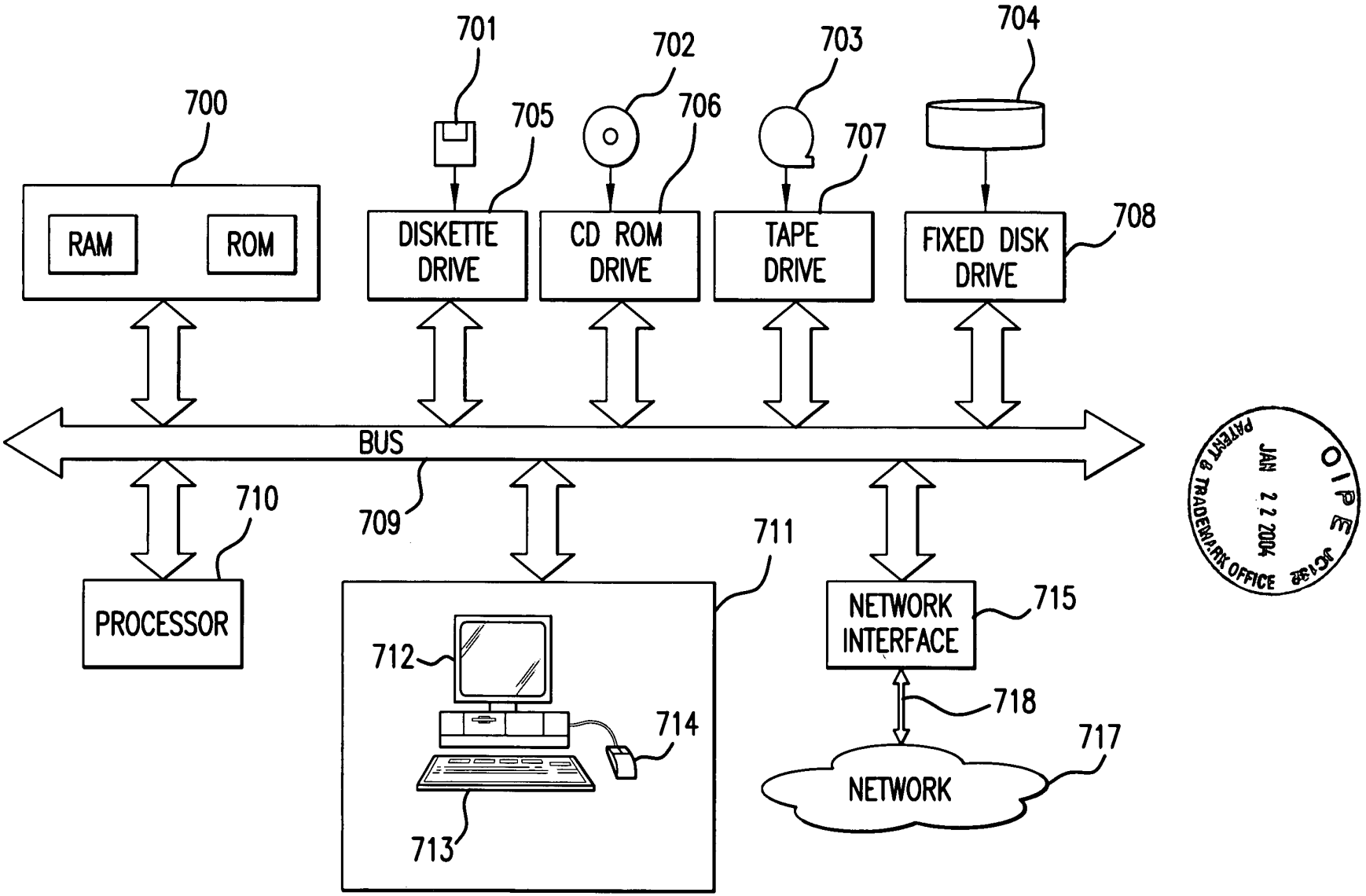

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FIG.7